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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On Sept. 14, 2005

TOWNSEND and TOWNSEND and CREW LLP

By: Julia Taylor Clough

PATENT

Attorney Docket No.: 021756-016300US

Client Ref. No. OID-

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Jin Yang

Application No.: 10/041,033

Filed: December 28, 2001

For: SYSTEM AND METHOD FOR  
EFFICIENTLY PERFORMING  
MEMORY INTENSIVE  
COMPUTATIONS INCLUDING A  
BIDIRECTIONAL  
SYNCHRONIZATION MECHANISM  
FOR MAINTAINING CONSISTENCY  
OF DATA

Customer No.: 51206

Confirmation No. 2586

Examiner: Kimberly N. McLean Mayo

Technology Center/Art Unit: 2187

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed March 24, 2005, please enter the following amendments and remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 10 of this paper.

09/19/2005 RFEKADU1 00000041 201430 10041033

01 FC:1201 200.00 DA  
02 FC:1202 50.00 DA